

THE TOIKE OIKE

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NO. 3

FULL PLANS LAID FOR A BIG TERM

FROSH, BEWARE!

The following extract from the *Transactions* of the Queen's Engineering Society may offer some suggestions to a committee which, working under the chairmanship of W. E. Bennett, is drawing up a set of rules for the conduct of the Frosh to be submitted for ratification and to be tried out next fall. It is suggested that the rules shall be in force for all or part of the first term only—possibly until initiation. If the latter function is as successful as this year this might be sufficient. Any one with ideas on the subject should hand them in to the chairman of the committee.

[From *Proceedings of the Engineering Society, Queen's, No. 14, 1920*]

Initiation

The following form of initiation has been proposed by the present Freshman Year and has been approved by the Engineering Society Executive and the Vigilance Committee. It is intended to have this replace the much-discussed old-time "rush" and to try it out on the Freshman Year who will enter next fall.

GENERAL

To inculcate in Freshmen a spirit of true humility:

Till the end of October Freshmen shall wear a distinctive badge, a green ribbon or green hat-band.

Freshmen shall not walk on the sidewalks in the College grounds where roads or cinder-paths are provided.

It shall be the duty of each Sophomore to see that his Freshman wears his distinctive badge at all times and behaves himself in the manner becoming a Freshman.

On the day of initiation each Sophomore shall have a Freshman detailed to him.

He (Freshman) shall not fuss till after the Freshman's Reception.

GRADUATION DANCE

The Graduation Dance (formal) is to be held at Jenkins' Art Galleries on Tuesday evening, January 11th, commencing at 8.30. This event is considered the premier social function of the Fourth Year and every member of 2T1 should include it in his time-table for the New Year.

On account of Lent beginning about the middle of February it was decided to hold the dance in January, and the 11th was the most suitable date. Although the present graduating year is made up of members of almost every year since 1T4, yet perhaps no "School Chaps" show a better year spirit. This is instanced by the enthusiastic support given to the Dance Committee.

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CONSTITUTION TO BE REVISED

Engineering Society

Among the many activities projected for the Spring Term is a complete revision of the Society's Constitution. The last edition was printed in 1910 and was revised in 1914, but the amendments were never printed. It is felt that it is the privilege of every member to possess a copy in order that he may at all times know what his rights and duties are with respect to the Society. It is possible that on revision there will be some changes necessary.

A committee consisting of J. R. McLean (chairman), John Farley (secretary), has been nominated to carry out the work of revision, with instructions to submit all amendments to the members at the last meeting in February, in order that the Constitution may be ready for distribution next fall. It is proposed to have enough copies printed to enable the issue of one to every Freshman as he registers for some years to come. Next fall, of course, an exception will be made in that the issue will be for everyone.

It is important that anyone having suggestions to make *re* changes shall do so at once. The following points may be considered: Freshman Rules, Permanent Secretary, the President of the Athletic Association a Member of the Executive; the relationship between the Engineering Society and clubs, such as the Debating Club, and many others.

ANNUAL MEETING OF THE ENGINEERING INSTITUTE OF CANADA

The annual meeting of the Engineering Institute of Canada will be held in Toronto on February 1st, 2nd and 3rd, when it is expected that several hundred engineers from all parts will be present. This will be an excellent opportunity for Engineering Students of "School" to meet and make the acquaintance of their future confreres. Mr. Geo. T. Clark will be the person whose function it will be to make engineers known to each other. Prof. Haultain is the chairman of the committee to arrange a variety of services which students will be cordially invited to undertake. Profs. Loudon and Cockburn will organize a variety of entertainments. Sectional meetings will be held concurrently, when Municipal, Electrical, Mechanical, Structural and Chemical engineers will discuss papers and visit works. Papers of general interest will also be given. Luncheons, banquet, smoker and dance will be organized. If this occasion of making useful and enduring friendship is missed it will certainly be the fault of the Engineering Students.

DID YOU KNOW?

Some fine night in February, when the air is nice and clear, and you will enjoy walking up from College street to Convocation Hall "School" will present a stunt night!

There, now, you know! You have been admitted to the secret held by a favoured few up till the present time.

It's been a hard job keeping the lid on this secret because all those in the "know" were just bubbling over with enthusiasm after they found out the array of talent which "School" possesses. Piloted by very able hands, the productions will be put over in typical "School" style.

"BEST OF ALL"—

Do not miss this, "School's" first stunt night. If you do you will henceforth be classified with the dead. Those who attend will carry away with them such a cargo of fun and merriment and sparkling wit that if all the smiles were placed end to end they would reach across North America! Yes—and at its widest part, too.

This will be no "movie." Make no mistake. While there will not be chariots and real horses on the stage there will be a "real live breathing" dancer there. And speaking of dancers, do you recall the remarkable ovation given at the "School" dinner to that renowned danseuse, Mademoiselle Pattie de Foy Grass? Of course you remember. Well, she'll be there at the stunt night. Men, your duty is clear. Keep every night in February open until you hear the definite date. Invite a lady—(then you can't stay away. Besides, this show will not be like other stunt nights we've heard of. It will be respectable). Then having done these things, nose out the dough and you'll be all set. Tickets to the right as you go out. Line up, gents; don't push so hard. Thankye!

BETTER THAN EVER

As we return again to the strenuous hours of lectures and labs which confront us, we look forward with eager anticipation to those delightful social events which lie ahead of us.

Of all these interludes none looms more brilliantly or attractively to "School" men than their own Annual Dance. In the past it has always stood out prominently among University functions and this year it promises to eclipse even its past magnificence.

On the evening of February 3rd seven hundred privileged guests will enjoy the hospitality of the Engineering Society in Hart House, and will dance to the strains of delightful music until the "we sma" hours.

(Continued on page 3, col. 2)

THE TOIKE OIKE

Devoted to the interests of the Undergraduates of the Faculty of Applied Science

Published Every Now and Then by the Engineering Society of the University of Toronto

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EDITORIAL

"The world is a looking-glass and gives back to every man the reflection of his own face. Frown upon it and it will in turn look sourly upon you; laugh at it and with it and it is a jolly, kind companion."

—Thackeray.

Why is it that we meet so many disgruntled grads of recent classes and so few from older years? Would a grad's enthusiasm from the old School not resemble the familiar maxima and minima curve with the minima portion of the curve covering the first five years and the maxima portion following? Would it not seem as if a great many undergrads come into the School with the idea that it is an education mill organized on the general principle of Henry's can factory or Davies' sausage plant?

Would we have this so were it true? It is said that no two sister ships turned out by the same yard from the same design require the same handling. The higher the organism or the more delicate the machinery the greater the individuality. Give the School a chance.

The School provides the machinery but you are the workman. Your B.A.Sc. does not guarantee you to be an engineer; it merely proves that you have had opportunities placed before you greater than are given to your fellow. Let us hear no more talk about the field for engineers being crowded. The field for the mediocre is always so. If you are not cut out for an engineer make up your mind to use your practical school training in something else. You will find that the engineer's straight-from-the-shoulder way of tackling a problem helps in any business. Get the right perspective. You are your own architect. The faculty are only hewers of wood and drawers of water on the job.

Don't expect too much from the old School. Something is left for you to do yourself.

FINANCES

Somewhat over ten years ago a perusal of the books of the society showed a surplus of about \$4,000. An agitation was at once raised against such a piling up of funds, and without considering the fact that this was not cash, but rather slow-moving stock; debts, some of which were very slowly liquidated, and fittings which it was not convenient to turn into cash, action was taken to reduce this surplus. The stock on hand was increased. The *Applied Science* jumped from seven issues to twelve issues yearly, and the School functions were, if anything, more spectacular than ever before. A perusal of the following will show the result:

Year	Surplus	Stock on hand
1910	\$3,206.91	\$1,877.60
1912	2,688.41	2,200.00
1913	1,232.59	2,981.49
1914	898.67	2,658.42
1915	630.18	3,825.74
1916—Deficit	43.40	2,245.60

It can be seen that as the investment in the stock increased the surplus of assets over liabilities decreased until in 1916, if all the stock were sold (and a large proportion had to be written off later at a reduced rate) if all the outstanding debts were collected (and there are still about \$200 outstanding), if all the Society's furniture and fittings were disposed of at its own valuation, the Society would still be \$43.40 behind. It was at this time that the President of the University stepped in and the existence of the Society was threatened. Thanks to the action of the Faculty Committee, appointed with full powers to act, which they did not assume. Thanks to the conservative policy of the Executives which followed the Society is to-day on a firm footing, but it is only by careful financing that it may be kept there.

It has been suggested that a sinking fund be established and that such cash surplus as the Society may have at the end of each year be invested by a Board of Trustees. This is a rather new departure for undergraduate societies, but that should be all the more reason for the School leading the way.

THE SUPPLY DEPARTMENT

The close of the term was welcomed by the Supply Department Committee. It may not be generally realized that the Supply Department is run on a capital of about \$2,000, which is a very small item when the purchase of the fall supplies is made. Acting on advice from the Secretary's office the committee prepared for a Freshman Year of 350. This entailed an order for over \$12,000. Fortunately the committee were enabled to return a large amount of this to the dealers, else the Society would be faced with a deficit of about \$5,000. Thanks to careful buying and to the introduction of the ever-popular chocolate bar the Supply Department was able to weather the storm without breaking its rule of minimum profits. Although sales were very poor in some lines — only 61 sets of instruments were sold — the average was good and the committee will be enabled in the spring to meet all its obligations without calling on the funds of the Society to pay for any additions to the stock which may have been made.

STUDENTS' COUNCIL

The Students' Administrative Council has had a very busy year up to the present. Many important and vital questions have been dealt with the fruits of which will be reaped in the years to come rather than in the present.

Among the many notable events was the granting of \$1,000 to the Navy League and some \$5,000 to the Varsity War Memorial Fund to be used in assisting returned men. The date of meeting was changed to accommodate Applied Science members, giving the Engineering Society precedence in choice of meeting dates. Much credit in this must be given to the president of the Engineering Society.

The Students' Court has become a reality; a constitution and rules of procedure have been drawn up and await the approval of the Caput. When approved these will give the student body full self-governing powers. It is a noticeable fact that during the many year contests in the fall term there were no breaches of discipline, showing that the student body were ready to back up their elected representatives.

At the present time the question of "Representation" is being discussed and it is the hope of the Council to make arrangements whereby there will be more continuity of service. To this end it is suggested that the Third Year representative be elected for a period of two years.

It is the earnest wish of every representative to serve to the best of his ability and endeavour the class he represents and the student body as a whole.

TREASURER'S REPORT

Engineering Society, University of Toronto

From April 1st, 1920, to December 31st, 1920:

RECEIPTS

Sept.—Cash sales	\$2,045.75
Charge sales paid	53.76
Applied Science	8.01
Oct.—Cash sales	3,359.31
Charge sales paid	31.16
Fees	114.00
Nov.—Cash sales	1,413.28
Dec.—Cash sales	2,132.26
Charge sales paid	50.75
Applied Science	150.00
Advertising	12.00
Bank balance, April 1, 1920.....	259.66
Cash on hand, April 1, 1920.....	70.00
	\$9,699.94

DISBURSEMENTS

Sept.—Salaries	\$29.00
Merchandise	37.19
Office	33.65
Oct.—Salaries	82.00
Sundries	14.00
Merchandise	4,216.48
Office	37.90
Executive	55.30
Nov.—Salaries	80.00
Sundries	91.75
Merchandise	908.97
Executive	3.00
Dec.—Salaries	36.00
Sundries	1,006.44
Merchandise	2,844.16
Cash on hand	50.65
Present bank balance	173.45

\$9,699.94

J. A. LANGFORD.

DEBATING CLUB

The Debating Club resumed its activities last fall under the capable leadership of Mr. Brace with a great deal of vigor. Our president was elected secretary of the Inter-College Debating Union, so that we now have a voice in its affairs.

In November two of our debaters, Messrs. Rosebrugh and Goldstick, were defeated in a debate against U. C. This was unfortunate, as it knocks us out from the semi-finals, which take place this term. In December Messrs. Rosebrugh (S.P.S.) and J. R. Stirrett (U. C.) were chosen to represent U. of T. in a debate at McGill. Our men were undoubtedly superior in points but were outclassed as orators, one of the McGill men being Irish, the other French!

The coming spring will be rich in opportunities for even the beginner to practice speaking. The inter-year debates must be run off and the debaters are still to be chosen from among those who show up the best in our free-for-all discussions. The Engineering Society Cup for the best speaker in "School," which is open to everyone, will be competed for shortly. Everyone, too, will have a chance to participate in the formation of a limited company to be held about January 25th, which will be made not only humorous but profitable! Our last meeting in the fall, an address by Hon. Mr. Justice Masten, the president of the University Alumni, was a preparation for this.

The meetings have been well attended this past fall, but it is felt that everyone should make use of these opportunities for practicing speaking before an audience; for if we, the engineers of to-morrow, are to advance our profession to the position it should hold, we must become public men in every sense of the word and must prepare ourselves by all possible means to that end.

MEETINGS

How much does the average Undergraduate know about the field that he has elected to enter on graduation? What influenced you in choosing your course?

With a view to laying before its members as much general information as possible the policy of the Program Committee will be to have addresses on general engineering subjects. All possible branches will be covered and, it is hoped, in such a way that they will be instructive to all. The aim will be to help the man of the junior school who may contemplate changing his course and the man of senior years in choosing his option.

Although a list of speakers is not as yet available, notice will be given as soon as possible. Among those that it is hoped to hear from are Mr. Gaby of the Hydro, Mr. Bunnell of the Transportation Commission, Mr. C. E. Dallyn, Provincial Sanitary Engineer; Mr. G. H. Duggan of the Dominion Bridge, and many others representing all lines of work.

The first meeting of the term will be an Aircraft meeting. Mr. Parkyn has obtained a series of eight reels of films, and the best four of these will be shown on Wednesday, January 12th, and the balance on the following day for those interested.

PASSING OF "APPLIED SCIENCE" MAGAZINE

Applied Science has passed on, to make way for the return of the Engineering Society *Transactions*. At the last meeting of the Engineering Society Executive, just before Christmas, the decision was made to replace *Applied Science* by an annual issue of *Transactions* and a *Year Book*, incorporated in one publication.

It was felt that *Applied Science* could not be made a success because the field of engineering publications is full. All its competitors are manned by full-time men with connections that make it possible for them to keep up to date. Coupled with this is the fact that the Engineering Alumni voted to discourage *Applied Science* at the annual meeting in November. Robbed of its Alumni circulation, and unable to compete with other publications in regard to its text matter, its circulation would of necessity be very meagre. Consequently the advertising would be worth very little, and the Engineering Society would be burdened with the cost of publication.

Regarding the publication of *The Transactions* and *Year Book*, the prospects were considered favourable. *The Transactions* will, as previous to 1907, contain the papers submitted to the Society during the year, including those which were delivered as addresses and those which were presented merely for publication.

The *Year Book* will consist of a record of events, Class Histories, Team and Executive lists, and pictures, and any contributions which are deemed desirable.

SCHOOL DANCE

(Continued from page 1, col. 3)

From the dainty and original dance programmes to the menu of delicious refreshments no detail of the arrangements has been overlooked. Novel features and unique effects will be introduced throughout the evening. The details of these are a carefully-guarded secret known only to the "elect" in charge.

As even the spaciousness of Hart House is not sufficient to accommodate as many as desire to attend, tickets will be at a premium. A subscription list has been decided on as the only fair way of distributing the tickets and it will be opened in the Engineering Society Supply Department as announced in *The Varsity*.

GRADUATION DANCE

(Continued from page 1, col. 1)

No detail has been overlooked to make the evening a success and there will be several original and entertaining items on the program, including the "Lab. Dance."

The subscription is \$4.00 per double ticket and this should meet the approval of all.

The George Coles Company is looking after the catering and Jardine's well-known orchestra is providing the music. There is a limited number of tickets in order that the hall will not be crowded, and after the Fourth Year have been supplied tickets may be obtained from the committee or at the Supply Department.

All together, 2T1, for the big night!

The Supply Dept.

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The Supply Dept.

SPORTING

HOCKEY TOUR

The Varsity hockey team left on Sunday night, December 26th, for one of the most successful tours of the Eastern States which they have had for several years.

Satisfactory dates could not be arranged with any American universities, so it was necessary to take on city teams. Games were arranged with Pittsburg, Cleveland and Philadelphia.

The tour opened with two games at Pittsburg on Monday and Tuesday, December 27th and 28th. Pittsburg had a strong line-up, including the MacCormack brothers and Bonnit of the American Olympic team. The game on Monday night resulted in a 3-2 victory for Pittsburg. The game was fast and clean all the way and was anyone's game up to the last bell. Tuesday night the Varsity squad had become used to the large ice surface and kept the Pittsburg goalie busy all night and came out on the long end of a 4-2 score, winning the round by the close score of 6-5.

While in Pittsburg the "School" men on the team did their best to obtain permission to go through the Carnegie Steel Works, but not having the required letters of introduction with them, it was impossible to do so.

The team left Pittsburg Wednesday morning for Cleveland and as the evening was free the troops thoroughly enjoyed a theatre party.

Thursday, Friday and Saturday saw three fast and exciting games in Cleveland. The supporters in Cleveland are very enthusiastic about Canada's national winter sport and the large rink was crowded for all games with a howling mob, Varsity sharing about fifty-fifty with the support.

Thursday night's game was a real hard tussle and the system of defensive play put up by Cleveland kept the Varsity squad from getting in close to the nets, and the game resulted in a 5-3 victory for Cleveland.

Coach Dr. "Billy" Dafoe gave his "colts" special instruction as to how to defeat Cleveland's method of defense before entering the second game of the series and the result was a clearly defined victory for Varsity with the score-board showing 4-1.

Both teams entered the third game of the series with a determination to win, and in the language of one Lou Marsh, "It was one sweet tussle." This was undoubtedly the fastest and best game on the tour and was filled with good, clean, fast hockey from beginning to end. Varsity excelled in team play over their rivals and the score, 3-2, about indicates the margin they had on their opponents. Varsity were showing for the first time some of their last winter form.

At the time of going to press reports were not available from Philadelphia.

All the games were featured by the wonderful exhibition of tending to the nets put up by Jack Langtry, and Bill Carson was always there with the shots that strike home.

VARSITY RUGBY

As the curtain is rung down on a most successful season Rugby enthusiasts agree that Varsity's chances for continued supremacy were never better in the history of the sport. Frank Shaughnessy's power has been forever broken by our own Laddie Cassels, and no more do we tremble at the mention of his name. Though undoubtedly our friend "Shag" is counting on the new rules to help him in bringing out a championship team, we have other ideas on the subject. The new rules will prove no handicap to our men—in fact, they will be an aid. Speed is one of the specialties of our team and with twelve men on the field instead of fourteen, the resulting more open play will just suit them. The way they opened up the play this year at every opportunity is sufficient proof of this statement.

The "snap-back" rule will enable our fleet-footed halves to get their end-runs away faster than ever, and we expect great things from them in this play. The "snap-back" rule will not prevent our carrying out any of the familiar line-plays, as some seem to think, and our line-plungers will have ample opportunity to show their wares.

As for not having to give yards on a kick—but merely a fair catch—our popular Captain Gordon Duncan will be able to "go get 'em" to his heart's content.

Summing it all up, in no way is the 1921 Varsity weaker than last year's team, for players of great ability are ready to step in, and to fill the shoes of those who are leaving. As there are only four players graduating, last year's team will be practically intact. This will be a wonderful help, for their team play, which was undoubtedly the outstanding reason for their past success, will not be disturbed. In fact, with another season's practice together, we predict that the 1921 Varsity "twelve" will be working together as no other team ever did. That they will continue to triumph over old McGill is, in the minds of all Varsity students, a positive certainty. "Ere's 'oping!"

Joe Breen

Out of ten playing members that made the trip the "Little Red Schoolhouse" again showed its real spirit by having five men on the squad.

The following made the trip: Coach Dr. Billie Dafoe, Manager Bruce West, Pete McIntyre, Beattie Ramsay, Bill Carson, Joe Olson, Ned Wright, Frank Sullivan, Fred Evans, "Roper" Gouinlock and George Westman.

Roper Gouinlock is still suffering from injuries received in Aura Lee game and will probably be out of the game for a couple of weeks yet.

W. B. RAMSAY.

KEEP UP THE GOOD WORK

School has won four championships already this year in the inter-faculty sports and there are a couple of more we have our eye on.

The Rowing Club, led by T. R. Loudon and Les McGee, and a few other School men, got away to a good start in the rowing game last spring and this fall School grabbed off the first inter-faculty rowing championship.

The Track Team, with K. L. Carruthers as its sponsor, squeezed out a nice victory over our bosom friends the Meds.

The Swimming Club, with Curtis Wells in charge, and the help of a few others whose favorite pastime is imitating a well-known screen actress, did the trick in the swimming meet and brought home the bacon.

The Soccer Team, with R. Johnson as manager, won the inter-faculty soccer championship in good style. School had a good team and well deserved the victories they won.

The Rugby School, headed by Joe Breen, had a good season, and the three Varsity teams had the usual big percentage of Schoolmen.

The hockey season will start as soon as School opens and we will have two teams decked out in School colours ready to make a strong bid for the Jennings Cup.

Basketball is going to be faster this year than last, as the teams have been practicing all fall. Junior School have a mighty nice team, says Manager Duffel, and Gussie Angus, the Senior School manager, with all of last year's team back, has the punch already for the Sifton Cup.

School was in the finals in the indoor baseball league last year and can put a mighty sweet team in this year. Mummery of Third Year is in charge of the outfit.

By the way, about two hundred out of eight hundred haven't voted on the question of a compulsory athletic fee, so the ballot box will be in the Engineering Society all this week. The question is whether we will pay the School athletic fee of \$1 at the Registrar's office when we register, or have the Executive collect it voluntarily, which has proven unsatisfactory in the past.

Those who don't participate in sport can at least support the teams, so let's see a crowd out at all the games and you will get plenty of chance to show some enthusiasm.

F. R. McDONALD.
President Athletics.

DINNER TICKETS

For the benefit of several of our members who were unable to use tickets purchased by them for the dinner and have requested a refund, the committee wish to point out that the guarantee given Hart House was based on the number of tickets sold, and every ticket sold represents a meal paid for by the committee, hence a refund means a double loss. To those who attended the committee can only hope they enjoyed themselves and it is this hope that permits them to face the deficit of \$175.00 cheerfully.